

Bachelor of Construction (Quantity Surveying)



Take a leading role in the construction industry with a Bachelor of Construction (Quantity Surveying).

You'll be in high demand as a construction professional and have the technical, work-ready skills to price and manage construction projects and challenge the status quo to improve processes and drive efficiencies.

What you'll learn

- Budgeting and financial administration of construction projects, including whole life-cycle costing
- Law, contracts and contractual risk analysis
- Planning and managing of construction projects
- Site logistics and project management (managing time, costs, quality and client satisfaction)
- People management and negotiation skills, and
- Construction business management.

Your career options

You'll have excellent career opportunities as a construction professional. You can work as a project manager, quantity surveyor, site manager, estimator, or contract administrator. Graduates of the Quantity Surveying strand can also join the New Zealand Institute of Quantity Surveying (NZIOB) and work as a consultant QS.

With experience, you may become a senior project manager, site manager or quantity surveyor, a commercial or divisional manager, or operate your own consultancy. With further study, you could specialise in the field of construction law and dispute resolution.

Got a diploma and already working in the industry?

If you already hold a diploma in Quantity Surveying or Construction Management, you could get credit recognition toward the third year of this degree.

Recognised diplomas

- Otago Polytechnic New Zealand Diploma in Construction (Quantity Surveying): you can get direct entry to Year 3 of the Bachelor of Construction (Quantity Surveying).
- Diploma in Quantity Surveying from any other NZ institution: Can apply for cross-credits, please contact our admissions

Location	Auckland International Campus. This programme is also offered at our Dunedin Campus. Visit op.ac.nz for programme details.
Duration	Three years full-time
Delivery	Blended learning, including face-to-face, online, work experience and student-managed learning
Credits	360
Level	7
Start	February, April, July and October
Apply	Until start date

team at aklregistry@op.ac.nz.

This degree is accredited by the [New Zealand Institute of Quantity Surveyors](#) and will make you eligible for Graduate Membership status.

You will study

You will focus on financial feasibility studies, budgets and cost planning and graduate with the ability to price and manage construction projects.

Courses Year 1 (Compulsory)

Course	Level Credits	
Introduction to Construction Studies	5	15 credits
Material and Structural Principles	5	15 credits
Law and Construction Contracts	5	15 credits
Construction 1 Residential	5	15 credits
Services	5	15 credits
Construction 2 Commercial	6	15 credits
Environment	5	15 credits
Introduction to Measurement and Estimation	5	15 credits

Courses Year 2 (Compulsory)

Course	Level Credits	
Measurement	5	15 credits
Estimation	6	15 credits
Programming	6	15 credits
Measurement 2	6	15 credits
Financial Administration	6	15 credits
Procurement	6	15 credits
Cost Planning	6	15 credits

Regional Project Quantity Surveying	6	15 credits
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Courses Year 3 (Compulsory)

Course	Level	Credits
People Management	6	15 credits
Project Risk Management	6	15 credits
Property Investment and Development	7	15 credits
Construction Business Management	6	15 credits
Value Management and BIM	7	15 credits
Claims Management	7	15 credits
Research Project	7	30 credits

Entry requirements

For those under 20

- NCEA Level 3 including:
 - 14 credits at Level 3 or above in each of three NZQA approved university entrance subjects, and
 - 10 literacy credits at Level 2 or above, made up of:
 - 5 credits in reading, and
 - 5 credits in writing, and
 - 12 numeracy credits at Level 2 or above, made up of:
 - specified achievement standards available through a range of subjects OR
 - package of three numeracy unit standards (26623, 26626, 26627- all three required).

COVID-19 adjustments to NCEA requirements

- If you completed your NCEA Level 3 during 2020, you only need 12 credits per Level 3 subject (i.e. a total of 36 credits).
- If you completed your NCEA Level 3 during 2021, please visit [this page on the NZQA website](#). There are different adjustments depending upon which part of New Zealand you studied in.

For those over 20

- You must supply evidence of industry experience and/or alternative relevant qualifications.
- Provisional entry is possible.
- If English is not your first language, you must provide:
 - New Zealand University Entrance OR
 - Overall Academic IELTS 6.0 with no individual band score lower than 5.5 (achieved in one test completed in the last two years), OR
 - Acceptable alternative evidence of the required IELTS ([see here for NZQA proficiency table](#) and [here for list of recognised proficiency tests](#)).

If you need to improve your English Language skills, we offer a [wide range of English programmes](#).

Pathways into this programme

If you don't meet the requirements to enter this programme, our [bridging programme](#) is the perfect option (this is advertised as the bridging option into our engineering diploma but is a highly suitable pathway into this degree as well). Alternatively, you could complete the [New Zealand Certificate in Construction Trade Skills \(Level 3\) \(Carpentry\)](#).

Further study options

Upon successful completion of this programme, you will be able to gain entry into relevant postgraduate qualifications. Possible programmes include the Graduate Diploma in Construction Project Management (at Unitec) or the Postgraduate Diploma in Construction - Building Technology, Construction Law, Construction Project Management, Facilities Management, Quantity Surveying - (at Massey).

Additional information and programme costs

- [Programme orientation and additional information](#)
- [Programme equipment](#)
- [Year one and two semester timetables \(draft copy\)](#)
- [Timetable for 2022 third year students \(draft copy\)](#)

Your workload

You will be expected to spend about 300 hours per Study Block on your course work. This includes both scheduled class time and self-directed study.

At our Auckland International Campus, this programme is offered by Future Skills Academy due to a sub-contract arrangement with Otago Polytechnic. [Auckland study block dates >](#)

Contact us

For more information on this programme, please email david.finnie@op.ac.nz or Construction@op.ac.nz.

Apply Now